

1. BOSC 2017 Nominations

Self Nomination:

Yes

Nominator Information

First Name

Last Name

Nominator Title

Street Address

City

State

Postal Code

Email Address

Phone Number

Mobile Phone

Nominee Information

First Name

Edward

Last Name

Hackney

Nominee Title

Director

Street Address

Exemption

6

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Mobile Phone

Employment Information

Place of Employment/Work:

SUEZ

Work Street Address

461 From Road, Suite 400

Work City

Paramus

Work State:

NJ

Work Postal Code

07652

Work Phone Number

201-913-3406

Work Email Address

ed.hackney@suez.com

Sector

Industry

Qualifications

Primary Area(s) of Expertise

Network Security, Utility Cyber Security, Smart Metering, SCADA, GIS, Utility Operational Technologies, IT, OT

Committee Preference(s)

Homeland Security Subcommittee

Statement of Interest

I wish to continue serving on the Homeland Security BOSC Subcommittee.

Skills/qualifications related to committee preference(s) specified

Over 20 years in IT operations and cyber security (15 of those in the water utility industry) gives me a unique, real-world perspective on topics including Network Security, Utility Cyber Security, Smart Metering, SCADA, GIS, Utility Operational Technologies, IT and OT.

Other Relevant Information

Currently hold Secret level clearance via BOSC, former CISO, BA Rutgers, MBA Fordham

CV/Resume URL

<https://www.linkedin.com/in/edhackney/>

2. CV/Resume

Please upload your CV/ Resume.

[Ed_Hackney_0914_Resume.docx](#)

3.

BOSC Nomination

Jun 19, 2017 18:02:33 Success: Email Sent to: tracy.tom@epa.gov

4. Thank You for your Submission!

Professional Profile

Mr. Hackney has 20 years of technology experience with responsibility for the technical strategy defining, securing and optimizing United Water's SCADA, GIS, metering, hydraulic modeling systems and process control systems, including research & development, design, construction and integration. In earlier roles at United Water, he directed IT Infrastructure, Security and Compliance groups. Prior to United Water, he worked at three startups, consulted for KPMG and Arthur Andersen, and was CTO and co-founder of an ISP.

Water & Wastewater Experience

- Currently serves as the Technical Director – Revenue Management at United Water in which he oversees the Revenue Management Team's technical capabilities and direction
- Previously served as United Water's Director of Engineering Systems:
 - Managed a highly-skilled team who has executed SCADA migrations and upgrades for systems including HSQ, Wonderware, Allen-Bradley, Genesis, Bristol Babcock, GE, etc. on platforms ranging from DOS to HP-UX to Windows
 - Responsible for state-of-the-art \$1M Control Room design and construction
 - Led project to replace a legacy UNIX-based SCADA system operating on proprietary hardware in a 180-mgd plant with 7,000 points and 130 remote stations without any interruption
 - Implemented a secure SCADA remote access solution robust enough to survive a stringent security audit, yet light-weight and open enough to run from a mobile phone
 - Built consensus among 20+ professionals from 10 different business units and created a single enterprise GIS data model for water and wastewater operations
 - Converted and consolidated 20+ individual mapping systems into the standard GIS data model and opened up the data to other uses and applications via web services
 - Developed and implemented a set of enterprise SCADA standards covering security, project management, HMI, network design, wiring, etc.
 - Managed the localization and compliance issues around bringing a European hybrid meter reading /SCADA product to the US market
 - Supported various SCADA needs in United Water business units

EDUCATION

M.B.A., Fordham University, New York, NY, 2001

B.S. Marketing, Rutgers University, New Brunswick, NJ, 1995

CERTIFICATIONS & PROFESSIONAL AFFILIATIONS

InfraGard, a partnership between the FBI and the private sector for utility industry cyber security

American Water Works Association

International Society of Automation

Microsoft Certified Professional

Technology Consulting and Management Experience

- CTO, Evolving Edge Communications, Parsippany, NJ
 - Led company to become the largest commercial DSL ISP in the New York Metro market. Drafted proposals, led presentations to and raised funding from VC firms, private investors and hedge funds. Developed and adapted technical and business models for fixed wireless and DSL services to respond to shifting telecom environment. Recruited and trained sales and technology support staff. Organized team and developed all operations procedures. Lead team of 30. Established strategic investment partnerships with Crown Castle, Winstar Communications and AT&T.
- Manager, Arthur Andersen Business Consulting, New York, NY
 - Published whitepapers on e-commerce, Windows Sever deployment and high-volume web hosting architectures. Client work: Samsung - Web Strategy; HP - Website Usability; FreeRide.com - IT Infrastructure and Security.
- Network Architect / Webmaster, **HP**, Woodbridge, NJ
 - Hired as the fifth employee to implement networks and systems to scale from a four-person startup to over 500 people in 24 months. Set up network operations in US and UK. Selected and managed outsourced web hosting service provider for core business applications. Webmaster for HP's online financing site.
- Consultant, **KPMG Consulting**, New York, NY
 - Provided startup leasing company with financial systems, LAN / WAN design and implementation. Deployed national frame relay network, point-of-sale and financial reporting/forecasting systems for Revlon. Designed global networks for GTI TeleSystems (20 countries) and ICF Kaiser (70 countries).
- Technology Director, **K2 DIGITAL**, New York, NY
 - Employee number seven at this pioneering startup web advertising agency. Produced sites for TDWaterhouse (online trading), Prudential Securities, AOL, MCI (intranet) and Toys R Us (gift registry). Designed architecture for the 1996 IBM Deep Blue vs. Gary Kasparov chess match, which received worldwide media attention, record-breaking traffic and showcased innovative (for 1996) technologies such as streaming video, instant messaging, and message-boards.